FIG. 1(a)

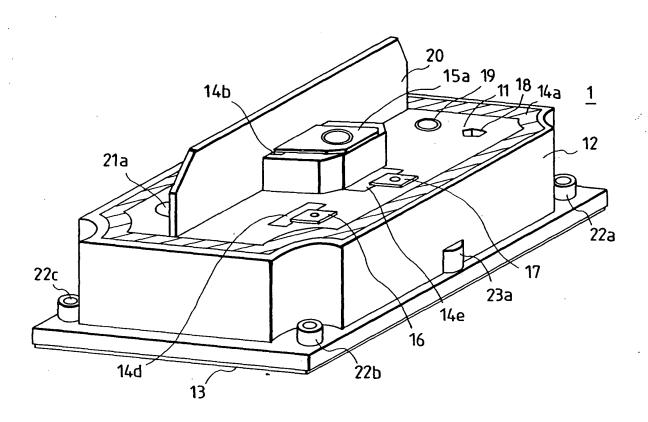


FIG. 1(b)

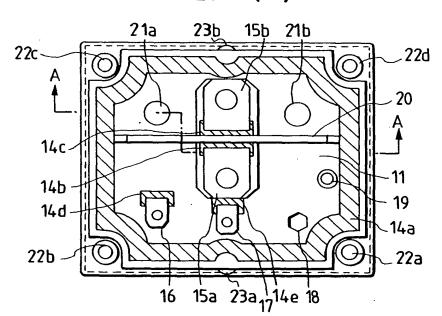


FIG. 2(a)

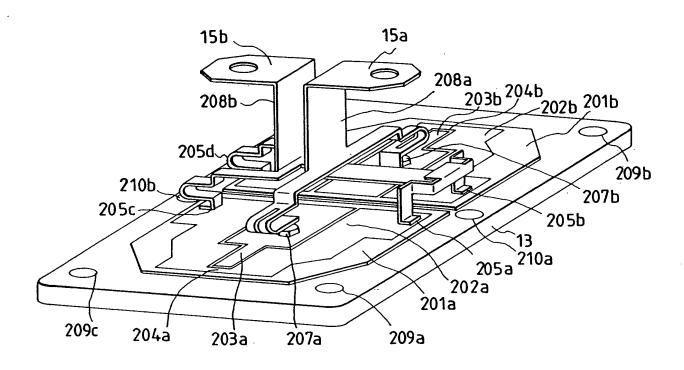


FIG. 2(b)

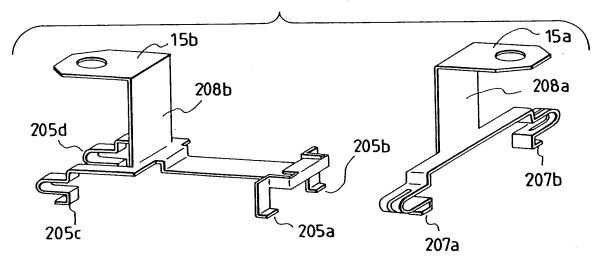


FIG. 3

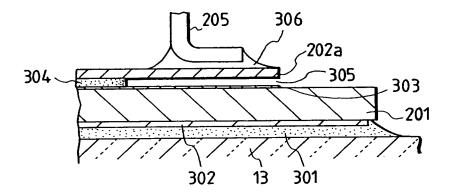
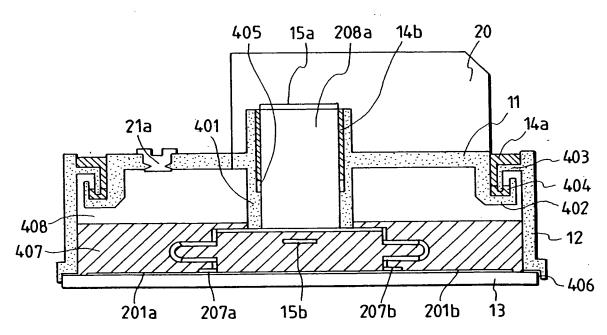
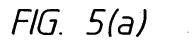


FIG. 4





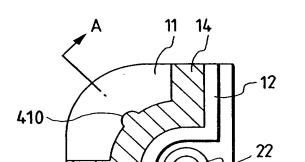


FIG. 5(b)

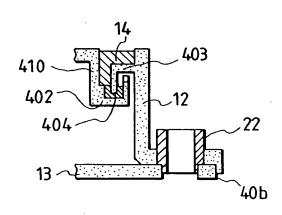


FIG. 6

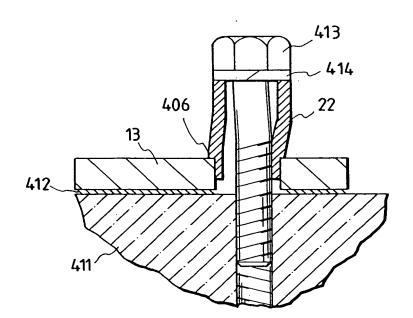
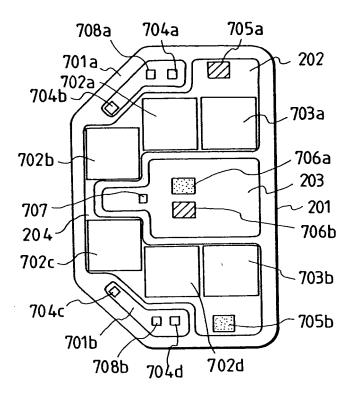


FIG. 7(a)



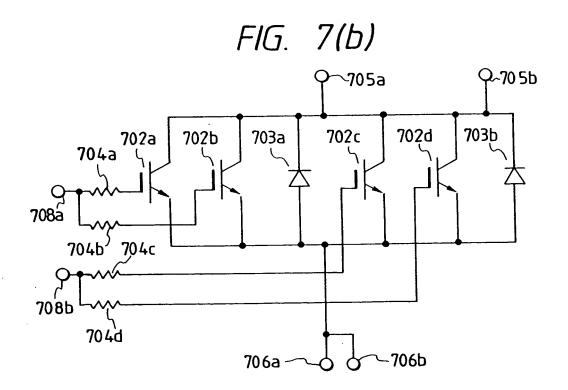
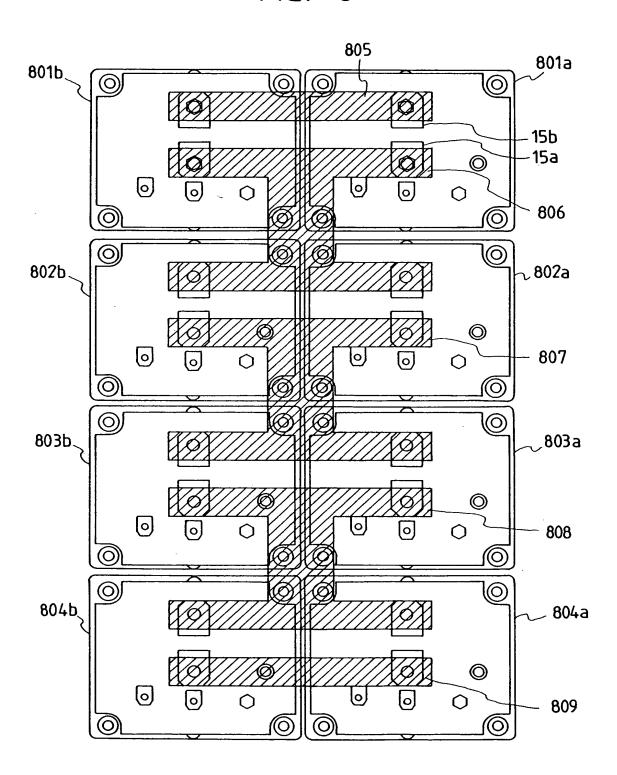


FIG. 8



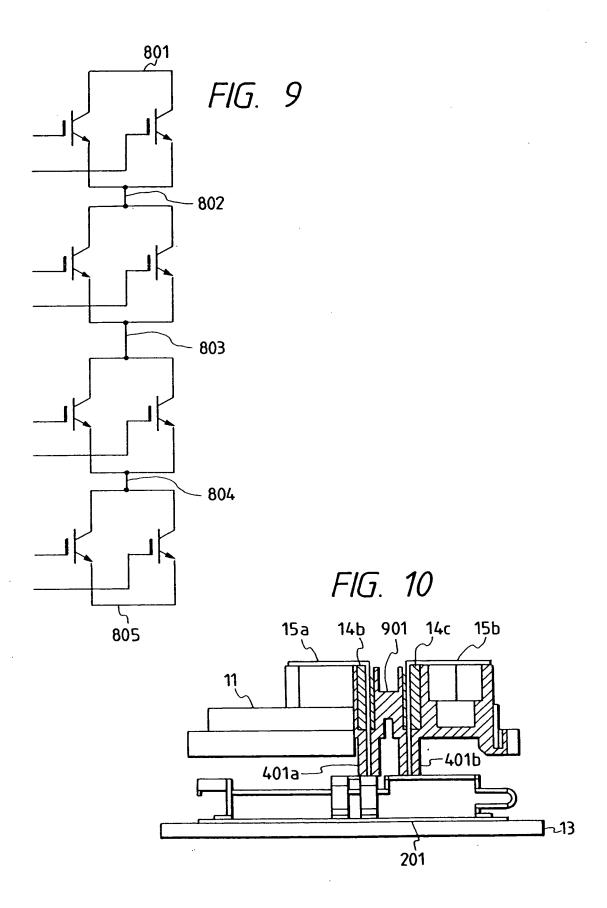


FIG. 11(a)

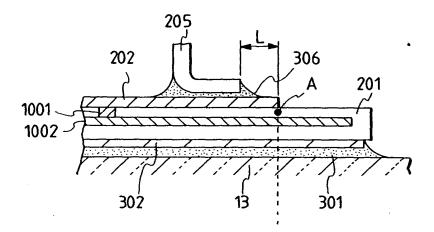
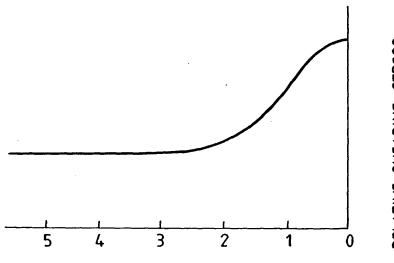


FIG. 11(b)



RELATIVE DISTANCE L BETWEEN RIGHT HAND SIDE END OF TERMINAL AND END OF ELECTRODE PATTERN TO THICKNESS OF (TERMINAL + ELECTRODE) RELATIVE SHEARING STRESS
PRODUCED ON SURFACE OF
CERAMICS A IN BOTTOM PORTION
OF ELECTRODE PATTERN

FIG. 12

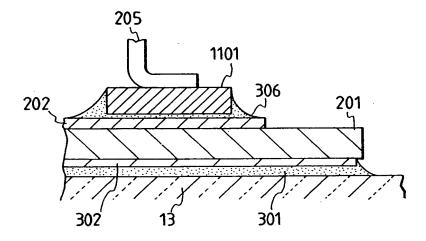


FIG. 13

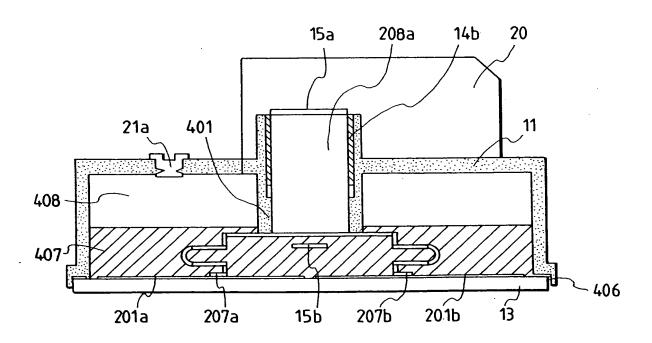


FIG. 14(a)

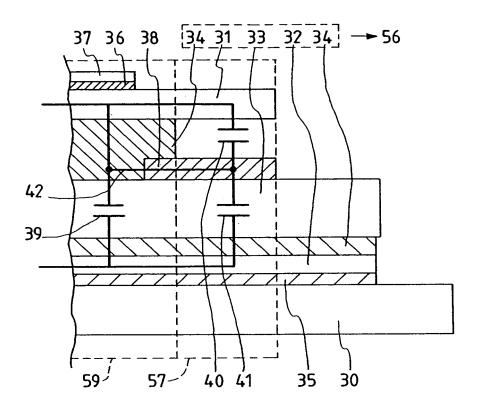


FIG. 14(b)

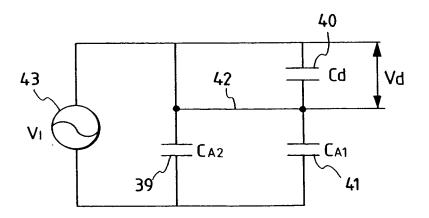


FIG. 15(a)

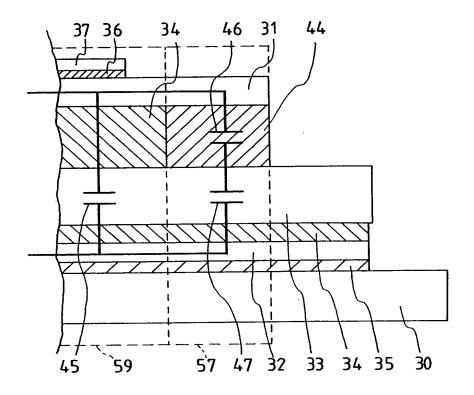


FIG. 15(b)

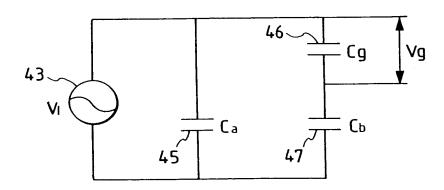


FIG. 16(a)

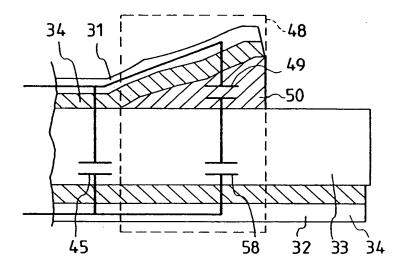


FIG. 16(b)

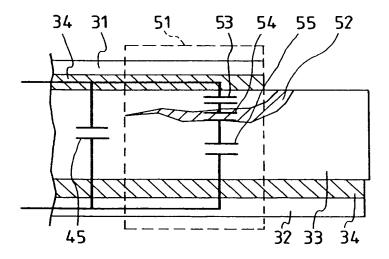


FIG. 17

	MATERIAL	DIELECTRIC
		CONSTANT
AIR LAYER ( VOID)	AIR .	1.0
INSULATOR	APN	8.9
	A l 203	8.5
RESIN	SILICONE GEL	2.7
	SILICONE RUBBER	2.8
	THERMOSETTING ADHESIVE	3:1
SILICONE OIL		2.6

FIG. 18

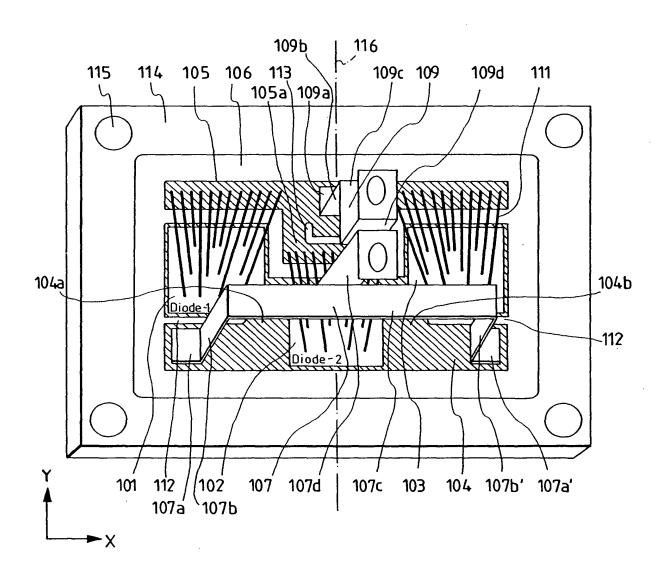


FIG. 19 ~509 107 109 107d 109d 507 - 502 **-**A

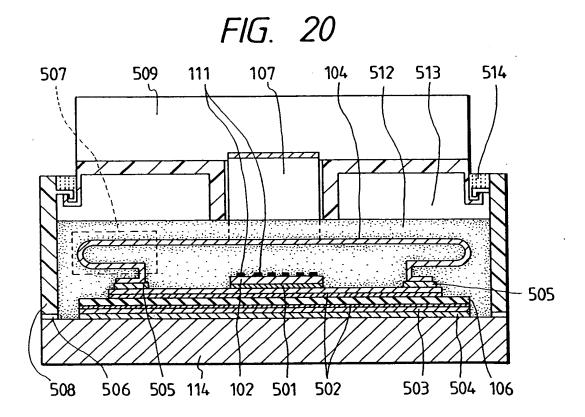


FIG. 21

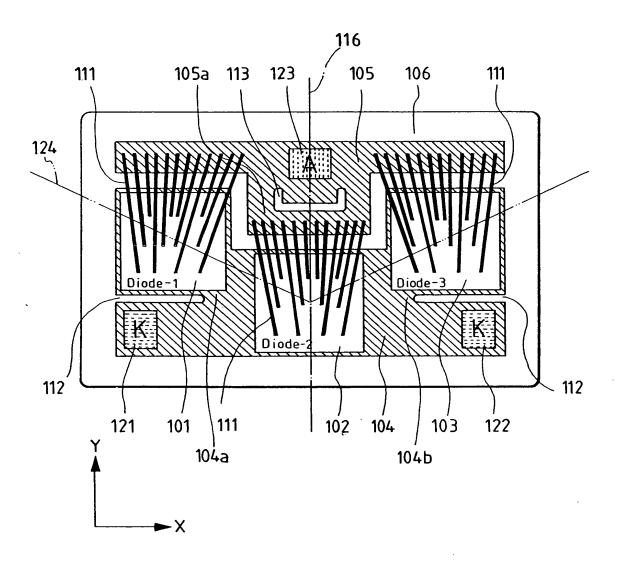
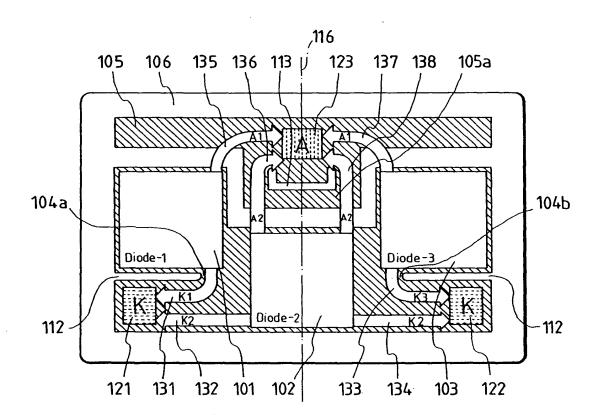


FIG. 22



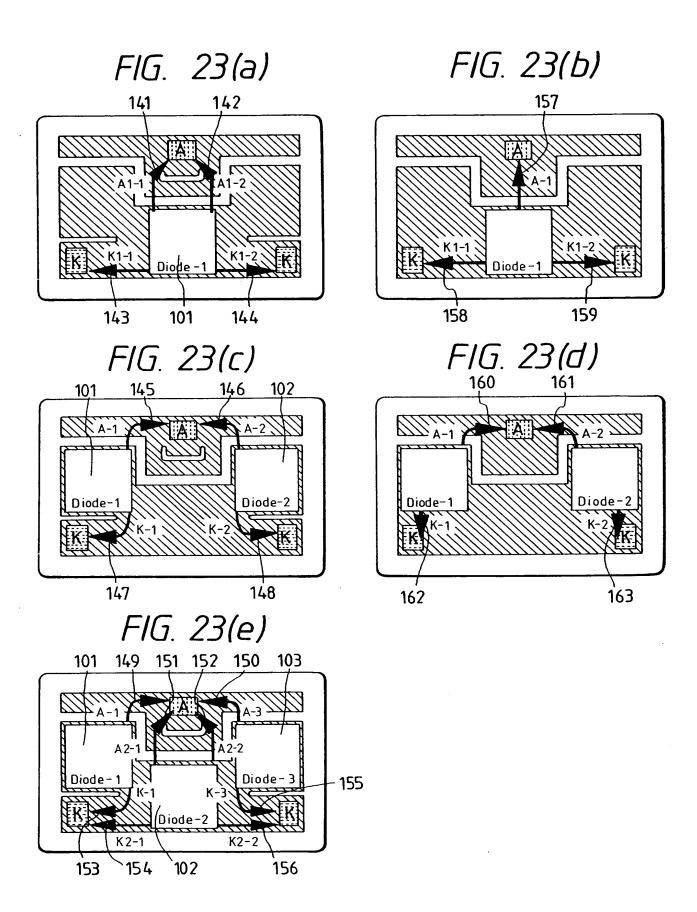


FIG. 24

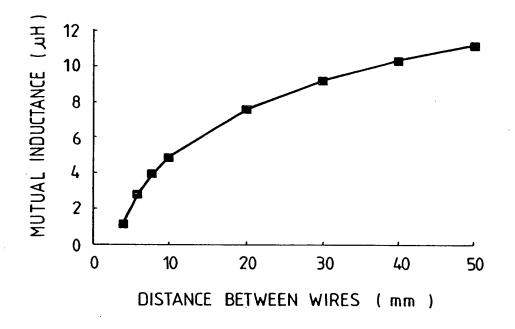
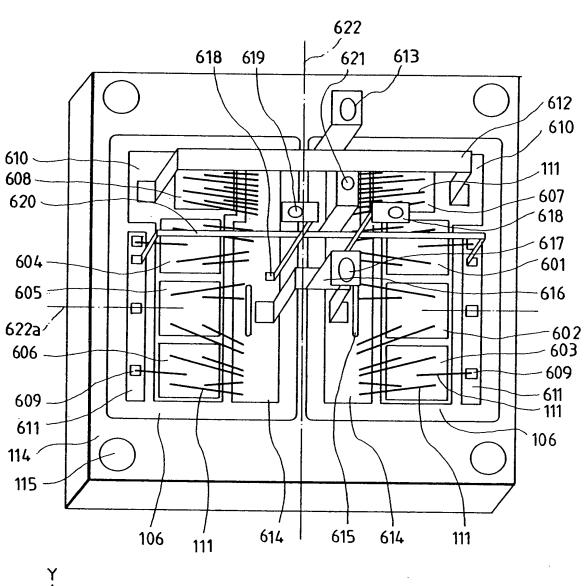


FIG. 25

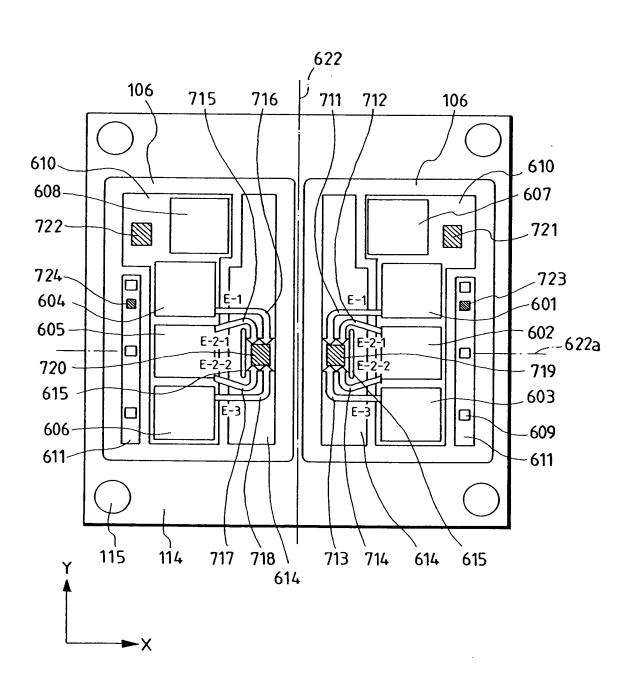




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FIG. 26



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FIG. 27 622 **1001** 613 618 619 612c 612 612b -617 \_ 612a 612a 4 - 610 608 -607 610 616 611 -601 604 620 605-621 609 ~ 602 114 115 1002 106 111 614 614 106 **-** X B-

FIG. 28

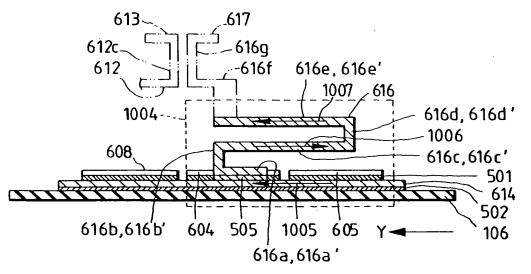


FIG. 29

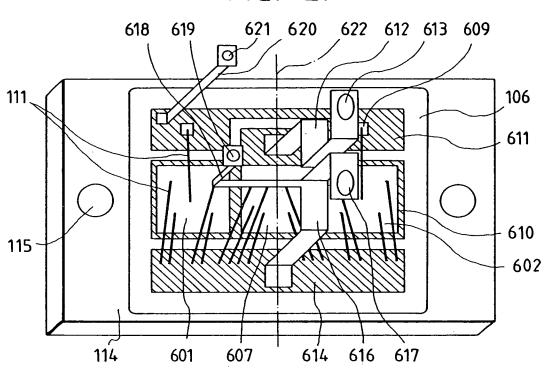
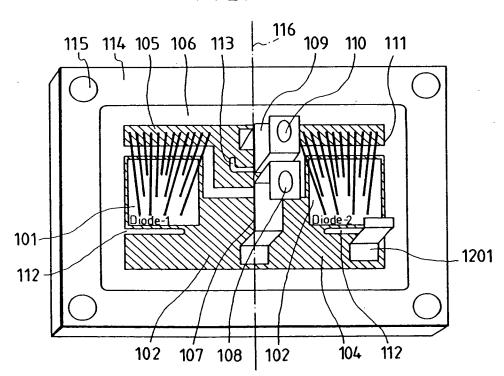


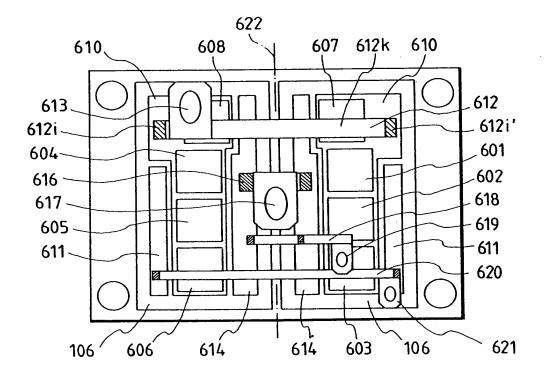
FIG. 30

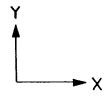


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 $(\tilde{\ })$ 

FIG. 31





[1.

FIG. 32

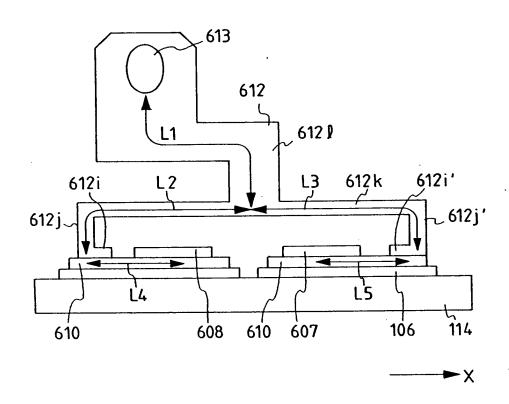


FIG. 33
613
613
12
13
15
608
607